

720442

**Abstract of the Disclosure**

A method of modifying image data in which image colors are to be modified, including a first step of initialising a color vector function, in which  
5 color vector is a function of luminance, and then the following repeated steps.  
A user defines a luminance range (616, 617) and a color vector (620) for that  
range. The color vector function is updated (601) and a look-up table (407) is  
generated (602) that is addressable by luminance. Image data (405) is  
processed by calculating each pixel's luminance and using this to address  
10 the red, green and blue values in the look-up table (407). The red, green and  
blue values so obtained are then added to each pixel's original red, green  
and blue values, resulting in output image pixels.

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